

Amendments to the Claims

1. (Currently amended.) A non-absorbent antimicrobial surface, comprising:
 - A. a non-woven substrate suitable for scrubbing; and
 - B. a polymeric coating cured on the substrate, said coating consisting essentially of a curable polymeric coating and comprising at least one antimicrobial compound being present when said coating is cured on the substrate to anchor the compound and substantially prevent its migration, said cured polymeric coating with the included antimicrobial being present on said surface.
2. (Original) The surface of claim 1, wherein the substrate is synthetic and selected from the group consisting of polyamides, polyesters, polyolefins, and mixtures thereof.
3. (Original) The surface of claim 2, wherein the substrate is selected from the group consisting of nylons, poly(ethylene terephthalate), and polypropylene.
4. (Previously presented.) The surface of claim 3, wherein the substrate is nylon.
5. (Previously presented.) The surface of claim 1, wherein the coating is formed from a polymer selected from the group consisting of phenol-formaldehydes, acrylic latexes, and styrene butadiene latexes.
6. (Previously presented.) The surface of claim 1, 2, 3, 4, or 5, wherein the antimicrobial compound is a sulfone.

7. (Previously presented.) The surface of claim 6, wherein the antimicrobial compound is selected from the group consisting of diiodomethyl p-tolyl sulfone, diiodomethyl p-chlorophenyl sulfone, and mixtures thereof.

8. (Previously presented.) The surface of claim 1, wherein the antimicrobial compound is an alkali alkyl sulfate.

9. (Previously presented.) The surface of claim 8, wherein said compound is sodium lauryl sulfate.

10. (Currently amended.) A method for making a non-absorbent, antimicrobial, scrubbing surface, comprising the steps of:

- A. providing a substrate suitable for scrubbing;
- B. providing a liquid, film-formable binder effective to coat the surface;
- C. admixing an antimicrobial compound with the binder to produce a binder mix; and
- D. coating the substrate with the binder mix, curing the binder, and repeating the coating and curing as desired to provide a non-absorbent surface consisting essentially of a cured polymer having an antimicrobial compound anchored therein to substantially prevent migration of the antimicrobial compound.

11. (Previously presented.) The method of claim 10, wherein the substrate is selected from the group consisting of polyamides, polyesters, polyolefins, and mixtures thereof.

12. (Previously presented.) The method of claim 11, wherein the substrate is selected from the group consisting of nylons, poly(ethylene terephthalate), and polypropylene.

13. (Previously presented.) The method of claim 10, wherein the coating is formed from a polymer selected from the group consisting of phenol-formaldehydes, acrylic latexes, and styrene butadiene latexes.

14. (Previously presented.) The method of claim 10, 11, 12, or 13, wherein said antimicrobial compound is a sulfone.

15. (Previously presented.) The method of claim 14, wherein said antimicrobial compound is selected from the group consisting of diiodomethyl p-tolyl sulfone, diiodomethyl p-chlorophenyl sulfone, and mixtures thereof.

16. (Previously presented.) The surface of claim 1, wherein said one antimicrobial compound is an alkali alkyl sulfate.

17. (Previously presented.) The surface of claim 8, wherein said compound is sodium lauryl sulfate.

18. (Previously presented.) The method of claim 10, comprising a mixture of antimicrobial compounds including sodium lauryl sulfate and at least one compound selected from the group consisting of diiodomethyl p-tolyl sulfone, diiodomethyl p-chlorophenyl sulfone, and mixtures thereof.

19. (Previously presented.) The surface of claim 1, wherein the substrate is metal or wood.

20. (Previously presented.) The surface recited in claim 3, wherein the substrate is a non-woven article suitable for use as a scrub pad and comprising a mixture of nylon and polyester.

21. (Previously presented.) The surface recited in claim 20, wherein the antimicrobial comprises a sulfone.

22. (Previously presented.) The surface recited in claim 20 or 21, wherein the antimicrobial comprises sodium lauryl sulfate.

23. (Previously presented.) The method of claim 10, 11, 12, or 13, wherein the substrate is a non-woven article suitable for use as a scrub pad and comprising a mixture of nylon and polyester.

24. (Previously presented.) The method of claim 23, wherein the antimicrobial comprises a sulfone.